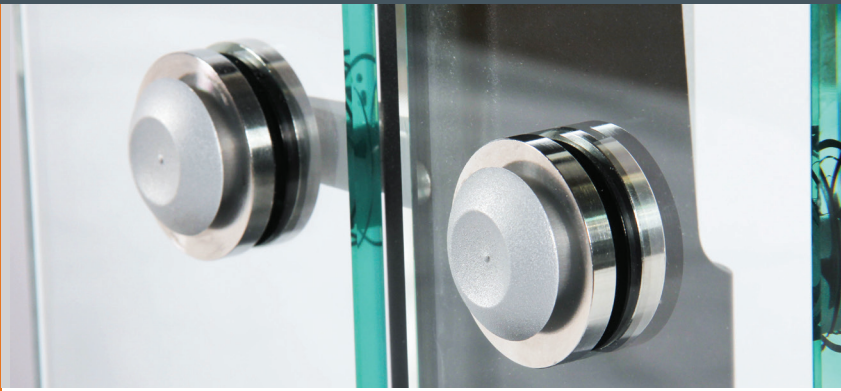


# EMPIRE Product Data Sheet



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## 1. PRODUCT NAME

Handrailing system bearing the name EMPIRE

## 2. MANUFACTURER

Livers Bronze exclusively manufactures the handrail system as described on this sheet.

## 3. BASIC USE

Livers Bronze EMPIRE railing system is a pre-engineered component based railing system, shipped to the jobsite ready to install.

**LIMITATIONS:** EMPIRE railing system is only limited by the materials from which it is fabricated.

Pre-engineered railing should be assembled using the components listed:

**POST ASSEMBLIES:** 42" high guardrail post for 3/8" tempered or laminated glass applications. Post is powder coated steel spaced at 4' - 0" O.C. maximum.

**HANDRAIL OPTIONS:** 1 1/2" round stainless steel or bronze. 2" round hardwood (sanded only) also available.

**ASSIST RAIL:** 1 1/2" round stainless steel or bronze. 2" round hardwood (sanded only) also available.

**INFILL OPTIONS:** 1/2" tempered or laminated glass furnished by Livers Bronze for attaching to posts. Panels to mount to post with standard hardware in a powder coated finish (20 standard colors).

**FINISHES:** Circular grain satin finish is standard for stainless steel or bronze railings. Powder coat finish is standard for steel posts (20 standard colors). Wood to be sanded for final field finishing by others. Railing and glass mounting hardware is stainless steel in a burnished finish.

## 4. TECHNICAL DATA

The EMPIRE railing system is designed to meet performance criteria as outlined in IBC 2012.

## 5. INSTALLATION

Livers Bronze EMPIRE railing system must be attached with fasteners and to surfaces that are approved or selected by the manufacturer and must be detailed on all shop drawings.

## 6. AVAILABILITY AND COST

**AVAILABILITY:** EMPIRE railing system is subject to current delivery schedules. Each project must be reviewed before scheduling is available.

**COST:** Varies according to quantity and material. Further information may be obtained from Livers Bronze or one of its authorized representatives.

## 7. GUARANTEE

Livers Bronze warrants that its EMPIRE railing system is of sound quality, conforming to standards as stated in part 4 hereof and is reasonably free of defects in material and workmanship. Inasmuch as Livers Bronze has no control over the installation of its products, no other warranty is expressed or implied. Livers Bronze does not warrant against glass breakage.

## 8. MAINTENANCE

The surface of Livers Bronze material can be kept clean by the use of ordinary soaps and mild cleansers. Abrasive cleaners should not be used.

## 9. TECHNICAL SERVICES

Technical services are rendered direct from Livers Bronze in Kansas City, Missouri.